

COC# 95

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
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9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132  
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## CHAIN OF CUSTODY REPORT

Work Order #: M106057

CLIENT: BRISTOL		INVOICE TO: BRISTOL		<b>TURNAROUND REQUEST in Business Days*</b> Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div> <div>10</div><div>7</div><div>5</div><div>4</div><div>3</div><div>2</div><div>1</div><div>&lt;1</div> </div> <div> <div>STD.</div> </div> <div> <div>Petroleum Hydrocarbon Analyses</div> <div> <div>5</div><div>4</div><div>3</div><div>2</div><div>1</div><div>&lt;1</div> </div> <div> <div>STD.</div> </div> <div> <div>OTHER</div> </div> <div>Please Specify</div> </div> </div> <p><small>*Turnaround Requests less than standard may incur Rush Charges.</small></p>	
REPORT TO: ANNE KRANAWETTER		P.O. NUMBER: 21090			
ADDRESS: AMCHITKA ISLAND, ALASKA					
PHONE: 907-770-0974 FAX: 770-0975		PROJECT NAME: AMCHITKA		REQUESTED ANALYSES	
PROJECT NUMBER: 21090		SAMPLED BY:			
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME				
1. 01AMCS18SL	6/18/01 1515	X			
2. 01AMCS19SL	6/18/01 1520	X			
3. 01AMCS20SL	6/18/01 1525	X			
4. 01AMCS21SL	6/18/01 1530	X			
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
RELINQUISHED BY: <i>Charlie Marshall</i>	DATE: 6/18/01	RECEIVED BY: <i>Craig Bradlee</i>	DATE: 6/18/01		
PRINT NAME: Charlie Marshall	TIME: 1540	PRINT NAME: Craig Bradlee	TIME: 1540		
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:		
PRINT NAME:	TIME:	PRINT NAME:	TIME:		
FIRM: BRISTOL				FIRM: NCA	
ADDITIONAL REMARKS:				TEMP: 7.5°C	
COC REV 3/99				PAGE 1 OF 1	



**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223  
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541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter  
Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/18/01 15:40. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson  
Environmental Group Leader

Work Orders included in this report:

**M106057**



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Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

Project: Amchitka  
Project Number: 21090  
Project Manager: Anne Kranawetter

**Reported:**  
06/19/01 14:51

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMC518SL	M106057-01	Soil	06/18/01 15:15	06/18/01 15:40
01AMC519SL	M106057-02	Soil	06/18/01 15:20	06/18/01 15:40
01AMC520SL	M106057-03	Soil	06/18/01 15:25	06/18/01 15:40
01AMC521SL	M106057-04	Soil	06/18/01 15:30	06/18/01 15:40

C. O. C.# 95

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**North Creek Analytical, Inc.**  
**Environmental Laboratory Network**

1 of 4



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### Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
<b>01AMC518SL (M106057-01) Soil</b>					Sampled: 06/18/01 Received: 06/18/01			<b>R-05</b>	
Gasoline Range Hydrocarbons	<b>1040</b>	101	mg/kg	1	NWTPH HCID	06/18/01	06/18/01	0106064	
Diesel Range Hydrocarbons	<b>10300</b>	253	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	506	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>147 %</i>	<i>50-150</i>							
<b>01AMC519SL (M106057-02) Soil</b>					Sampled: 06/18/01 Received: 06/18/01			<b>R-05</b>	
Gasoline Range Hydrocarbons	<b>400</b>	100	mg/kg	1	NWTPH HCID	06/18/01	06/18/01	0106064	
Diesel Range Hydrocarbons	<b>2320</b>	251	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	502	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>119 %</i>	<i>50-150</i>							
<b>01AMC520SL (M106057-03) Soil</b>					Sampled: 06/18/01 Received: 06/18/01				
Gasoline Range Hydrocarbons	ND	10.4	mg/kg	1	NWTPH HCID	06/18/01	06/18/01	0106064	
Diesel Range Hydrocarbons	<b>596</b>	25.9	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	51.8	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>132 %</i>	<i>50-150</i>							
<b>01AMC521SL (M106057-04) Soil</b>					Sampled: 06/18/01 Received: 06/18/01			<b>R-05</b>	
Gasoline Range Hydrocarbons	ND	104	mg/kg	1	NWTPH HCID	06/18/01	06/18/01	0106064	
Diesel Range Hydrocarbons	<b>776</b>	260	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	520	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>113 %</i>	<i>50-150</i>							

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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06/19/01 14:51

### Hydrocarbon Identification per NW-TPH Methodology - Quality Control

#### North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 0106064 - TPH-HCID (WA)

##### Blank (0106064-BLK1)

Prepared & Analyzed: 06/18/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

<i>Surr: 1-Chlorooctadecane</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>	<i>103</i>	<i>50-150</i>
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3 of 4



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06/19/01 14:51

### Notes and Definitions

R-05 Reporting limits raised due to dilution necessary for analysis.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

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### Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106057 FINAL 06 19 01 1451.mdb Default Report (not modified)
M106057-01	NW-HCID mod		R-05
M106057-02	NW-HCID mod		R-05
M106057-04	NW-HCID mod		R-05